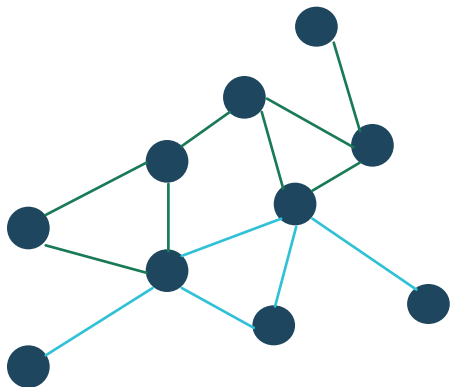
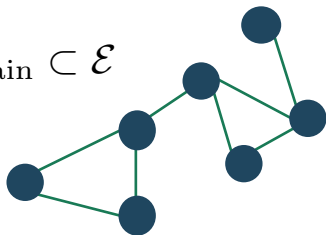


Example Graph



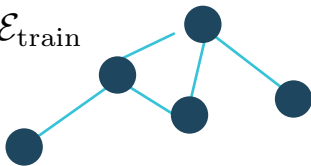
Negative Sampling

$$\mathcal{E}_{\text{train}} \subset \mathcal{E}$$

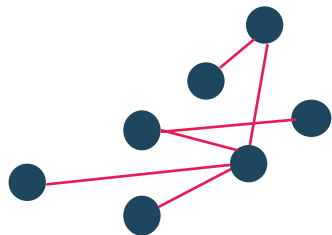


Training positive graph

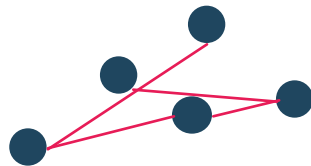
$$\mathcal{E} \setminus \mathcal{E}_{\text{train}}$$



Testing positive graph



Training negative graph



Testing negative graph